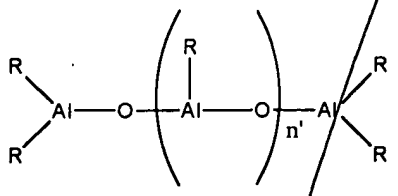
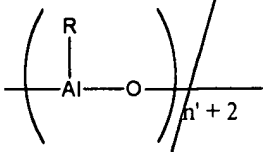
to at least two polyolefins of different melting points, wherein the melting points of the polyolefins must differ by at least 5° C, and wherein the polymerization is carried out at a temperature of from -60 to 200°C, and a pressure of from 0.5 to 100 bar, in solution, in suspension or in the gas phase, in the presence of a catalyst, wherein the catalyst comprises

(A) at least two racemic or s-symmetric metallocenes as transition-metal components and an aluminoxane of the formula II




(II)

and/or of the formula III

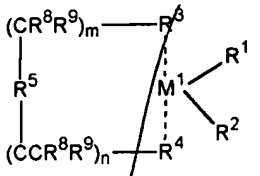



(III)

where in the formulae II and III, the radicals R may be identical or different are a $C_1$-$C_6$-alkyl group, a $C_1$-$C_6$-fluoroalkyl group, a $C_6$-$C_{18}$-aryl group, a $C_6$-$C_{18}$-fluoroaryl group or hydrogen, and n' is an integer from 0 to 50, and the aluminoxane component may additionally contain a compound of the formula $AlR_3$, or

(B) at least two racemic or s-symmetric metallocenes as transition-metal components and a salt-like compound of the formula $R_xNH_{4-x}$ or of the formula $R_3PHBR'_4$ wherein x is 1, 2 or 3, R is identical or different and is alkyl or aryl, and R' is aryl, which may also be fluorinated or partly fluorinated,

where the transition-metal component used comprises at least two metallocenes of the formula I:



(I)

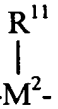
in which

$M^1$ is Zr or Hf,

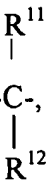
$R^1$ and $R^2$ are identical or different and are a hydrogen atom, a $C_1$-$C_{10}$- alkyl group, a $C_1$-$C_{10}$-alkoxy group, a $C_6$-$C_{10}$-aryl group, a $C_6$-$C_{10}$-aryloxy group, a $C_2$-$C_{10}$-alkenyl group, a $C_7$-$C_{40}$-arylalkyl group, a $C_7$-$C_{40}$-alkylaryl group, a $C_8$-$C_{40}$-arylalkenyl group, or a halogen atom,

$R^3$ and $R^4$ are identical or different and are indenyl, cyclopentadienyl or fluorenyl which are optionally substituted with substituents as defined for $R^{11}$ and $R^{12}$ and where the substituents are identical or different or form together with the atoms connecting them a ring,

$R^5$ is



or



where $R^{11}$ and $R^{12}$ are identical or different and are a hydrogen atom, a halogen atom, a $C_1$-$C_{10}$-alkyl group, a $C_1$-$C_{10}$-fluoroalkyl group, a $C_6$-$C_{10}$-aryl group, a $C_6$-$C_{10}$-fluoraryl group, a $C_1$-$C_{10}$-alkoxy group, a $C_2$-$C_{10}$-alkenyl group, a $C_7$-$C_{40}$-arylalkyl group, a $C_8$-$C_{40}$-arylalkenyl group or a $C_7$-$C_{40}$-alkylaryl group, or $R^{11}$ and $R^{12}$ together with the atoms connecting them, form a ring,

$M^2$ is silicon or germanium,

#1 $R^8$ and $R^9$ are identical or different and are as defined for $R^{11}$ and m and n are identical or different and are zero or 1 and wherein for at least one of the at least two metallocenes $R^3$ is a substituted indenyl or an optionally substituted fluorenyl.

#2 18. The process as claimed in claim 17, wherein the process comprises the direct polymerization of propylene or copolymerization of propylene with an olefin selected from the group consisting of ethylene, 1-butylene, 1-hexene, 4-methyl-1-pentene, 1-octene and mixtures thereof.

#3 24. The process as claimed in claim 17, wherein $R^1$ and $R^2$ are identical or different and are a hydrogen atom, a $C_1$-$C_3$- alkyl group, a $C_1$-$C_3$-alkoxy group, a $C_6$-$C_8$-aryl group, a $C_6$-$C_8$-aryloxy group, a $C_2$-$C_4$-alkenyl group, a $C_7$-$C_{10}$-arylalkyl group, a $C_7$-$C_{12}$-alkylaryl group, a $C_8$-$C_{12}$-arylalkenyl group, or chlorine $R^{11}$, $R^{12}$ and $R^{13}$ are identical or different and are a hydrogen atom, a $C_1$-$C_4$- alkyl group, $CF_3$ group, a $C_1$-$C_4$-alkoxy group, a $C_6$-$C_8$-aryl group, pentafluorophenyl group, a $C_2$-$C_4$-alkenyl group, a $C_7$-$C_{10}$-arylalkyl group, a $C_7$-$C_{12}$-alkylaryl group or a $C_8$-$C_{12}$-arylalkenyl.

Please see Appendix I for the changes made to the claims. Terms underlined have been added. Terms bracketed have been deleted.

Please add the following new claim:

#4 - -32. The process as claimed in claim 17, wherein the composition is characterized by a broad melting range.- -

## REMARKS

The applicants respectfully request reconsideration in view of the amendment and the following remarks. Support for newly added claim 32, can be found in the original claim 17. The applicants have amended the claims as suggested by the Examiner in order to overcome the 35 U.S.C. §112 rejections.

Claim 30 was rejected was rejected under 35 U.S.C. §112, first paragraph. Claims 15, 17-19, 21-25 and 27-31 were rejected under 35 U.S.C. §112, first paragraph. Claims 15, 17-19, 21-